

SCOPE OF DEMAND

1. In a regenerator which contains regenerator material in internal path for refrigerant and in which heat is exchanged between the refrigerant and regenerator material;
 - 5 a regenerator characterized in that said regenerator material is any one of Sn, alloy of Bi-Sn and alloy of Ag-Sn.
 2. Regenerator according to claim 1 in which said regenerator material is Bi-Sn and content ratio of Bi to Sn in said Bi-Sn is larger than 0% and smaller than 50 %.
 - 10 3. Regenerator according to claim 1 in which said regenerator material is Ag-Sn and content ratio of Ag to Sn in said Ag-Sn is larger than 0% and smaller than 50 %.
 4. Regenerator according to claims 1 to 3 in which said regenerator material has plural shapes of spheres and they are packed in said internal path.
 5. Cryogenics pump provided with a regenerator according to claims 1 to 4.

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